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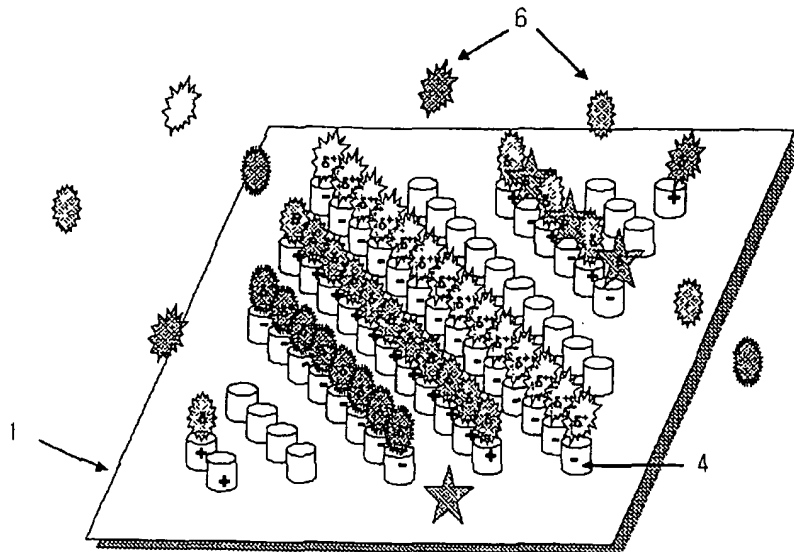
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(54) Title: **SENSOR FOR DETECTING BIOMOLECULE USING CARBON NANOTUBES**



(57) Abstract: The present invention provides a sensor for detecting a biomolecule, particularly a sensor for detecting a biomolecule comprising (a) a substrate; and (b) a plurality of carbon nanotubes which are arranged on the substrate and provide a binding site for a receptor for a target biomolecule. According to the present invention, a various kinds of disease-associated biomolecules can be detected simultaneously, accurately and quickly.

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